

Appl. No. 10/664,981
Amendment dated: January 21, 2005
Reply to OA of: September 22, 2004

REMARKS

Applicants have amended the claims to more particularly define the invention taking into consideration the outstanding Official Action. Claim 1 has been amended to more particularly define that aspect of the invention as set forth in Fig. 6 and is fully supported by the specification and claims as originally filed.

Claims 6-16 have been canceled from the application and claim 17 is dependent upon amended claim 1.

Claims 19-27 have also been canceled from the application and new claims 28-44 added. These claims are directed to further aspects of the invention as defined in the application as originally filed. Note in particular Fig. 5 of the drawings and the corresponding descriptive information in the application. Note also the structure of Fig. 1 with respect to the bonding pads and the plurality of conductive devices such as bumps of solder or gold as shown at element 124 of Fig. 1. Applicants most respectfully submit that all the claims now present in the application are in full compliance with 35 U.S.C. 112 and are clearly patentable over the references of record.

The election is noted and the non-elected invention has been canceled from the application subject to Applicants' right to file a divisional application directed thereto.

Receipt of the priority document is noted on page 2 of the Official Action but it is stated that a new oath/declaration or application data sheet is required in the body of which the present application should be identified by application number and filing date. This requirement has been carefully considered but is most respectfully traversed.

Applicants most respectfully submit that the declaration filed with the application and the application data sheet are in full compliance with the rules and clearly identify and claim priority for the priority document submitted herewith. This is particularly referred to on page 4 of the application data sheet referring to foreign priority

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information with reference to Taiwan application 091122679. The filing date is October 2, 2002 and priority is claimed.

In addition, the declaration specifically refers to the application data sheet submitted with the application. Therefore, the claim for priority is in order and acknowledgment thereof is most respectfully requested.

In this regard, the Examiner's attention is most respectfully directed to the first page of the certified copy of the priority document submitted and referred to in this application. The application date is identified clearly in the upper portion of the document as October 2, 2002. The application number is provided as 091122679.

The Official Action seems to refer to the issued date of the patent as September 22, 2003 and refers to the serial number or patent number and not the application number identified above. In view of this clarification, it is respectfully requested that the next Official Action confirm the claim for priority, receipt of the priority document and an acknowledgment that the declaration and application data sheets are correct.

Applicants have also noted the drawing objection with respect to claim 15. Since claim 15 is no longer in the application, it is most respectfully requested that this objection to the drawing be withdrawn.

The rejection of claims 1-7, 10, 14 and 17 under 35 U.S.C. 102 as being anticipated by Weaver et al. has been carefully considered but is most respectfully traversed in view of the amendments to the claims.

Applicants wish to direct the Examiner's attention to MPEP § 2131 which states that to anticipate a claim, the reference must teach every element of the claim.

"A claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference." *Verdegaal Bros. v. Union Oil Co. of California*, 814 F.2d 628, 631, 2 USPQ2d 1051, 1053 (Fed. Cir. 1987). "The identical invention must be shown in as complete detail as is contained in the ... claim." *Richardson v. Suzuki Motor Co.*, 868 F.2d 1226, 1236, 9 USPQ2d 1913, 1920 (Fed Cir.

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1989). The elements must be arranged as required by the claim, but this is not an *ipsissimis verbis* test, i.e., identity of terminology is not required. *In re Bond*, 910 F.2d 831, 15 USPQ2d 1566 (Fed.Cir. 1990).

Claim 1 has been amended to specify that the substrate has an opening and the semiconductor chip is disposed in the opening. An encapsulant encapsulates the semiconductor chip and the conductive device which is a claim limitation and clearly distinguishes the subject matter of amended claim 1 over the prior art. Claims 3-5 and 17 are dependent upon claim 1 and therefore, also distinguishable over the prior art. Accordingly, it is most respectfully requested that this rejection be withdrawn.

The rejection of claims 1, 2, 6, 11, 14 and 17 under 35 U.S.C. 102(b) as being anticipated by Matsushima has been carefully considered but is most respectfully traversed in view of claim 1 and for the reasons discussed above. Fig. 8C of Matsushima and the corresponding description in the specification of this patent clearly does not suggest the subject matter of amended claim 1. Accordingly, it is most respectfully requested that this rejection be withdrawn. This is similarly true for the dependent claims 2 and 17 remaining in the application which contain all of the limitations of claim 1 and therefore are equally not anticipated by this reference. Accordingly, it is most respectfully requested that this rejection be withdrawn.

The rejection of claims 1, 2, 6, 8-10, 14-17 under 35 U.S.C. 102(b) as being anticipated by McCormick has been carefully considered but is most respectfully traversed in view of the amendments to claim 1 as discussed above. The McCormick reference does not in any way teach the presently claimed invention of amended claim 1. Similarly, since the remaining dependent claims include the limitations from claim 1, these claims are also not anticipated by this rejection. Accordingly, it is most respectfully requested that this rejection be withdrawn.

The rejection of claims 1, 3-5, 15 and 16 under 35 U.S.C. 102(b) as being anticipated by Karnezos has been carefully considered but is most respectfully traversed in view of the amendments to claim 1. Accordingly, it is most respectfully

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requested that this rejection be withdrawn with respect to claim 1 and the dependent claims which contain all of the limitations of the claims from which they depend.

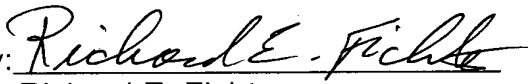
The rejection of claims 1, 6, 14 and 18 under 35 U.S.C. 102(b) as being anticipated by Ozawa has been carefully considered but is most respectfully traversed in view of the amendments to the claims and for the reasons discussed above. Accordingly, it is most respectfully requested that this rejection be withdrawn.

The rejection of claims 1, 6, 8, 12-14 and 17 under 35 U.S.C. 102(b) as being anticipated by Wu has been carefully considered but is most respectfully traversed in view of the amendments to the claims and the reasons stated above. Accordingly, it is most respectfully requested that this rejection be withdrawn.

In view of the above comments and further amendments to the claims, favorable reconsideration and allowance of all the claims now present in the application are most respectfully requested.

Respectfully submitted,

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REF:kdd
A02.wpd

January 21, 2005